

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

APRIL 1942

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Free distribution of technical material and periodicals is restricted.

This monthly list will be sent free on request made to the Office of Information, U. S. Department of Agriculture, Washington, D. C.

FARMERS' BULLETINS

The city home garden. W. R. Beattie, Bureau of Plant Industry. 30 p., illus. (F. B. 1044F., rev.) Price 5¢.

The farm garden. J. H. Beattie and W. R. Beattie, Bureau of Plant Industry. 67 p., illus. (F. B. 1673F., rev.) Price 10¢.

Bur-clover cultivation and utilization. Roland McKee, Bureau of Plant Industry. 12 p., illus. (F. B. 1741F., rev.) Price 5¢.

Flaxseed production in the North Central States. A. Dillman, Bureau of Plant Industry and T. E. Stoa, North Dakota Agricultural Experiment Station. 19 p., illus. (F. B. 1747F., rev.) Price 10¢.

Judging fabric quality. Bess Viemont Morrison, Bureau of Home Economics. 22 p., illus. (F. B. 1831F., rev.) Price 5¢.

Wildlife management through soil conservation on farms in the Northeast. Frank C. Edminster, Soil Conservation Service. 52 p., illus. (F. B. 1868F., rev.) Price 10¢.

The beet leafhopper. W. C. Cook, Bureau of Entomology and Plant Quarantine. 21 p., illus. (F. B. 1886F.) Price 10¢.

Land slugs and snails and their control W. H. White, and A. C. Davis, Bureau of Entomology and Plant Quarantine. 8 p., illus. (F. B. 1895F.) Price 5¢.

Production of tomatoes for canning and manufacturing. James H. Beattie, W. R. Beattie, and S. P. Doolittle, Bureau of Plant Industry. 37 p., illus. (F. B. 1901F.) Price 10¢.

Varieties of spring wheat for the North Central States. J. Allen Clark, Bureau of Plant Industry. 20 p., illus. (F. B. 1902F.) Price 10¢.

LEAFLETS

Plowing terraced land. E. G. Johnson, Soil Conservation Service. 6 p., illus. (Leaf. 214L.) Price 5¢.

How to graze blue grama on southwestern ranges. Edward C. Crafts and George E. Glendening, Forest Service. 8 p., illus. (Leaf. 215L.) Price 5¢.

The home fruit garden in the East Central and Middle Atlantic States. Bureau of Plant Industry. 8 p. (Leaf. 218L.) Price 5¢.

TECHNICAL BULLETINS

Fungi causing decay of living oaks in the eastern United States and their cultural identification. Ross W. Davidson, W. A. Campbell, and Dorothy Blasdell Vaughn, Bureau of Plant Industry. 65 p., illus. (T. B. 785T.) Price 15¢.

Investigations on the cause and control of biennial bearing of apple trees. C. P. Harley, J. R. Magness, M. P. Masure, L. A. Fletcher and E. S. Degman, Bureau of Plant Industry. 58 p., illus. (T. B. 792T.) Price 10¢.

Evaluation of baits and bait ingredients used in grasshopper control. Robert L. Shotwell, Bureau of Entomology and Plant Quarantine. 51 p., illus. (T. B. 793T.) Price 15¢.

Relation of weather and its distribution to corn yields. Floyd E. Davis and George D. Harrell, Agricultural Marketing Service, in cooperation with Iowa State College. 67 p., illus. (T. B. 806T.) Price 10¢.

Temperature, moisture, and penetration studies of wood-staining Ceratostomelae in relation to their control. Ralph M. Lindgren, Bureau of Plant Industry. 35 p., illus. (T. B. 807T.) Price 15¢.

An objective method of sampling wheat fields to estimate production and quality of wheat. Arnold J. King, Dale E. McCarty, and Miles McPeek, Agricultural Marketing Service, in cooperation with the Kansas, North Dakota, and Iowa Agricultural Experiment Stations. 87 p., illus. (T. B. 814T.) Price 10¢.

Growth and carbohydrate content of important mountain forage plants in central Utah as affected by clipping and grazing. Edward C. McCarty and Raymond Price, Forest Service. 51 p., illus. (T. B. 818T.) Price 10¢. Restricted distribution.

Nutritive properties of lard and other shortenings. Ralph Hoagland and George G. Snider, Bureau of Animal Industry. 12 p. (T. B. 821T.) Price 5¢.

CIRCULARS

The conversion of the weights of mechanical separations of grain into percentages. E. G. Boerner, Agricultural Marketing Service. 20 p., illus. (Cir. 623C.) Price 5¢.

Insect pests of cigar-type tobaccos in the southern districts. F. S. Chamberlin and A. H. Madden, Bureau of Entomology and Plant Quarantine. 54 p., illus. (Cir. 639C.) Price 15¢.

Yearlong grazing of steers in the northern Great Plains. W. H. Black and V. I. Clark, Bureau of Animal Industry. 16 p., illus. (Cir. 642C.) Price 5¢.

The marketing of greens. J. W. Park and M. E. Smith, Agricultural Marketing Administration. 56 p., illus. (Cir. 644C.) Price 15¢.

Pure-seed production of Egyptian-type cotton. R. H. Peebles, Bureau of Plant Industry. 20 p., illus. (Cir. 646C.) Price 5¢.

Hardiness and productiveness of U. S. No. 5 Refugee snap bean in the southern United States. B. L. Wade, Bureau of Plant Industry. 12 p., illus. (Cir. 648C.) Price 5¢.

MISCELLANEOUS PUBLICATIONS

Selected problems in the law of water rights in the West. Wells A. Hutchins, Soil Conservation Service. 513 p. (M. P. 418M.) Price \$1.00 (buckram.) For sale only.

Testing farm seeds in home and school. Albina F. Musil, Bureau of Plant Industry. 88 p., illus. (M. P. 437M.) Price 15¢.

Family income and expenditures. Five regions. Part 2, Family expenditures. Consumer purchases study. Farm series. Day Monroe, Dorothy S. Brady, Margaret Perry, Kathryn Cronister, Edith Dyer Rainboth, Bureau of Home Economics, in cooperation with the Work Projects Administration. 366 p., (M. P. 465M.) Price 35¢.

Crop yields and weather. Louis H. Bean, Bureau of Agricultural Economics and Agricultural Marketing Service and United States Department of Commerce Weather Bureau cooperating. 131 p. (M. P. 471M.) Price 40¢. For sale only.

Farm-mortgage credit facilities in the United States. Donald C. Horton, Harold C. Larsen, and Norman J. Wall, Bureau of Agricultural Economics. 262 p., illus. (M. P. 478M.) Price 55¢.

Financing production of food for freedom. 8 p., (M. P. 488 M.) Price 5¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Bureau of Animal Industry. Service and regulatory announcements. February 1942. Pp. 9-16. (S. R. A.-B. A. I. 418). Price 5¢ each, 25¢ a year.¹

Bureau of Entomology and Plant Quarantine. Service and regulatory announcements. October-December 1941. Pp. 87-104. (S. R. A.-B. E. P. Q. No. 140).²

SOIL SURVEYS

Texas, Maverick County. (No. 10, Series 1936). 61 p., illus. Price, 55¢.

STATISTICAL BULLETINS

Stumpage and log prices for the calendar year 1940. Henry B. Steer, Forest Service. 67 p. (S. B. 76S.) Price 10¢.

OTHER PUBLICATIONS

BAE-EXT FLIER-4. Farm machinery goes to war. Folder.

Connecticut farm handbook, 1941. State and Federal agricultural services. In cooperation with the Connecticut College of Agricultural Engineering. 53 p., illus. Price 15¢.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

² These may be obtained free upon application to the issuing bureau.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Requests for change of address must show old as well as new address.

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Farmers' Bulletins	Leaflets	Other publications

Farm reorganization work sheets. To be used in connection with United States Department of Agriculture M. P. 463. 12 p. Soil Conservation Service.

National forest areas, June 30, 1941. Forest Service. 15 p.²

Physical land conditions in Greene County, Georgia. David P. Powell and Charles B. Gay, Soil Conservation Service. 53 p., illus. (Physical Land Survey No. 23). Price 40¢. For sale only.

Physical land conditions on the Leatherwood Creek Demonstration Project, Lawrence County, Indiana. D. R. Kunkel, C. A. Engberg, and C. L. Whiteford, Soil Conservation Service. 40 p., illus. (Physical Land Survey No. 24). Price 30¢. For sale only.

Save your soil. Stock-water dugouts an aid to range management in a conservation program for your farm or ranch. Soil Conservation Service. (Conservation Folder No. 9.)

Save your soil. Water spreading and flood irrigation in a conservation program for your farm or ranch. Soil Conservation Service. (Conservation Folder No. 10.)

The biology of *Metagonistylum minense* Tns. a parasite of the sugarcane borer. Kenneth A. Bartlett, Puerto Rico Experiment Station. 20 p., illus. (P. R. Bull. 40). Price 10¢.

The farmer and the War. Farm land values and the War. 7 p. Price 5¢.

The rural home and the national emergency. Extension Service. 13 p.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

G-115. There's plenty of wheat and here's where it is: [Folder.]²

FARM CREDIT ADMINISTRATION

Bull. 44. **Business stability of Iowa farmers' elevators.** E. B. Ballow, Farm Credit Administration, in cooperation with Iowa State College of Agriculture and Mechanic Arts. 111 p., illus. Price 15¢.

Bull. 47. **Cooperative canning of fruits and vegetables.** Neptune Fogelberg and W. Gordon Leith, Farm Credit Administration. 78 p., illus. Price 15¢.

Bull. 52. **Retail outlets for fruit in New York City.** Marius P. Rasmussen, Cornell University; and Ford A. Quitsland and Edwin W. Cake, Farm Credit Administration. 120 p., illus. Price 20¢.

Bull. No. CR-3. **Agricultural Credit in Canada.** Julia L. Wooster and Walter Bauer, Farm Credit Administration. 63 p., illus. Price 15¢.

Cir. C-124. **Distribution of milk by farmers' cooperative associations.** Louis F. Herrmann and Wm. C. Welden, Farm Credit Administration. 72 p., illus. Price 15¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 26, No. 4, April 1942. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture in the Americas. Vol. 2, No. 4, April 1942. Illus. Price 10¢ a copy; 75¢ a year, domestic; \$1.20 a year, foreign.¹

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Crops and markets. Vol. 19, No. 2, February 1942; Vol. 19, No. 1, January 1942. Price 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Experiment station record. Vol. 86, No. 5, May 1942. Price, \$1.00 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign.¹ Single numbers for sale only. Price 15¢.

Extension service review. Vol. 13, No. 4, April 1942. Illus. Price 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.¹

Fire control notes. Vol. 6, No. 2, April 1942. Price 15¢ a copy; 50¢ a year, domestic.¹

Foreign agriculture. Vol. 6, No. 3, March; No. 4, April 1942. Illus. Price 10¢ a copy; \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or stations for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

E-89. (In Vol. 64, No. 1). Effect of metal containers on the anaerobic fermentation of cornstalk flour by thermophiles. Robert P. Straka and G. H. Nelson.

E-90. (In Vol. 64, No. 3). Anaerobic decomposition of wheat straw by thermophiles and the quality of gas produced. Robert P. Straka, G. H. Nelson, and Max Levine.

E-91. (In Vol. 64, No. 3). Effect of various concentrations of papain and potassium iodate on the load volume of bread. Jehiel Davidson and J. A. LeClerc.

F-96. (In Vol. 64, No. 2). Relation of naval stores yields to frequency of chipping. T. A. Liefeld.

G-1235. (In Vol. 64, No. 1). Intergeneric hybridization of cereals and other grasses. D. C. Smith.

G-1237. (In Vol. 64, No. 2). Inheritance of smooth and pitted bolls in Pima cotton. E. Gordon Smith.

G-1238. (In Vol. 64, No. 1). Some aspects of the phyllotaxy of tobacco. H. A. Allard.

G-1241. (In Vol. 64, No. 3). Inheritance of factors influencing sucrose percentage in *Beta vulgaris*. J. O. Culbertson.

G-1242. (In Vol. 64, No. 2). Inheritance of cluster habit and its linkage relation with anthocyanin pigmentation in upland cotton. J. Winston Neely.

G-1243. (In Vol. 64, No. 2). Hybrid vigor and weight of germs in the seeds of maize. J. H. Kempton and John W. McLane.

G-1244. (In Vol. 64, No. 2). Inheritance of a leaf variegation in beans. W. J. Zaumeyer.

Calif. 129. (In Vol. 64, No. 1). Reducing southern sclerotium rat of sugar beets with nitrogenous fertilizers. L. D. Leach and A. E. Davey.

Calif. 123. (In Vol. 64, No. 3). Pantothenic acid in the nutrition of the pig. E. H. Hughes.

Vol. 64, No. 8, April 15; No. 9, May 1, 1942.

Land policy review. Vol. 5, No. 4, April 1942. Price 5¢ a copy; 50¢ a year, domestic.¹ 75¢ a year, foreign.

News for farmer cooperatives. Vol. 8, No. 12, March 1942. Price 10¢ a copy; \$1 a year, domestic.¹

Rural electrification news. Vol. 7, No. 8, April 1942. Price 10¢ a copy; 75¢ a year, domestic; \$1.50 a year, foreign.¹

Soil conservation. Vol. 7, No. 10, April 1942. Price 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.¹

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